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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: Thu Oct 18 14:47:51 EDT 2007

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Reviewer Comments:

agcgctaact gagacnnnnn agaghhhhhg ghhhhhgghh hhhggctcga catgcgta

58

The number at the end of each line wrapped down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent wrapping.

check for this type of error in subsequent sequences.

Application No: 10527449 Version No: 1.0

Input Set:

Output Set:

Started: 2007-10-01 17:16:11.202
 Finished: 2007-10-01 17:16:14.505
 Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 303 ms
 Total Warnings: 17
 Total Errors: 21
 No. of SeqIDs Defined: 11
 Actual SeqID Count: 17

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
E 342	'n' position not defined found at POS: 12 SEQID(5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 58 SEQID(12)
E 323	Invalid/missing amino acid numbering SEQID (12)at Protein (2)
E 323	Invalid/missing amino acid numbering SEQID (12) POS (2)
E 323	Invalid/missing amino acid numbering SEQID (12)at Protein (5)
E 323	Invalid/missing amino acid numbering SEQID (12)at Protein (10)
E 323	Invalid/missing amino acid numbering SEQID (12)at Protein (15)

Input Set:

Output Set:

Started: 2007-10-01 17:16:11.202
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Total Warnings: 17
Total Errors: 21
No. of SeqIDs Defined: 11
Actual SeqID Count: 17

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 20 SEQID(13)
E 323	Invalid/missing amino acid numbering SEQID (13) POS (2)
E 323	Invalid/missing amino acid numbering SEQID (13)at Protein (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 10 SEQID(14)
E 323	Invalid/missing amino acid numbering SEQID (14) POS (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 17 SEQID(15)
E 323	Invalid/missing amino acid numbering SEQID (15)at Protein (2)
E 323	Invalid/missing amino acid numbering SEQID (15) POS (2)
E 323	Invalid/missing amino acid numbering SEQID (15)at Protein (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 24 SEQID(16)
E 323	Invalid/missing amino acid numbering SEQID (16)at Protein (2)
E 323	Invalid/missing amino acid numbering SEQID (16) POS (2)
E 323	Invalid/missing amino acid numbering SEQID (16)at Protein (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
E 252	Calc# of Seq. differs from actual; 11 seqIds defined; count=17

SEQUENCE LISTING

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 <140> 10527449
 <141> 2007-10-01
 <150> DK PA 2002 01347
 <151> 2002-12-09
 <150> US 60/409,968
 <151> 2002-12-09
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 <170> PatentIn version 3.2
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 <213> artificial sequence
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 <400> 1
 ncgatggatg ctccaggtcg c 21
 <210> 2
 <211> 12
 <212> DNA
 <213> artificial sequence
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 <223> Oligonucleotide O2 used for preparing building block 1 in example 1
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 <221> misc_feature
 <222> (1)..(1)
 <223> n is g modified with Biotin phosphoramidite (Glen Research catalogue # 10-1953-95)
 <220>
 <221> misc_feature
 <222> (12)..(12)
 <223> n is g modified with C6 S-S thiol modifier (Glen Research catalogue # 10-1936-90)
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 <210> 3
 <211> 15
 <212> DNA
 <213> Artificial Sequence
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 <223> Oligonucleotide O3 used in example 1 for preparation of the second building block
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 <221> misc_feature
 <222> (1)..(1)

<223> n is c modified with Biotin Phosphoramidite (Glen Research,
 catalogue #
 10-1953-95)
 <220>
 <221> misc_feature
 <222> (15)..(15)
 <223> n is g modified with C6 S-S thiol modifier (Glen Research,
 catalogue #10-1936-90)
 <400> 3
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 <210> 4
 <211> 20
 <212> DNA
 <213> artificial sequence
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 <223> Oligonucleotide O4 used in example 1 for preparation of the
 third
 building block
 <220>
 <221> misc_feature
 <222> (1)..(1)
 <223> n is g modified with Biotin Phosphoramidite (Glen Research,
 catalogue #
 10-1953-95)
 <220>
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 <222> (20)..(20)
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 catalogue #10-1936-90)
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 <210> 5
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 <212> DNA
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 <223> Oligonucleotide O5 used in example 2 for preparation of a
 building
 block
 <220>
 <221> misc_feature
 <222> (13)..(13)
 <223> n is g modified with C6 S-S thiol modifier (Glen Research,
 catalogue #10-1936-90)
 <400> 5
 gagcatccat cn 12
 <210> 6
 <211> 15
 <212> DNA
 <213> Artificial Sequence
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 block
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 <221> misc_feature
 <222> (15)..(15)

<223> g modified with C6 S-S thiol modifier
 <400> 6
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 <210> 7
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 <212> DNA
 <213> Artificial Sequence
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 <223> Oligonucleotide O7 used in example 2 for preparation of a
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 block
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 <212> DNA
 <213> Artificial Sequence
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 <223> Oligonucleotide O8 used in example 2 for preparation of a
 building
 block
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 <221> misc_feature
 <222> (15)..(15)
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 <400> 8
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 <210> 9
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 <212> DNA
 <213> Artificial Sequence
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 <223> Oligonucleotide O9 used in example 2 for preparation of a
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 block
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 <221> misc_feature
 <222> (20)..(20)
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 <210> 10
 <211> 22
 <212> DNA
 <213> Artificial Sequence
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 <223> Oligonucleotide O10 used in example 2 for preparation of a
 template
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 <221> misc_feature
 <222> (22)..(22)
 <223> n is a modified with PC Biotin (Glen Research, catalogue #
 10-4950-95)

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<210> 11
<211> 21
<212> DNA
<213> Artificial Sequence
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<223> Oligonucleotide O11 used in example 2 for preparation of a
template
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<221> misc_feature
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<223> n is a modified with PC Biotin (Glen Research, catalogue #
10-4950-95)
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<210> 12
<211> 58
<212> DNA
<213> Artificial

<220>
<223> Synthetic (Template)

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<222> (16)..(20)
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58

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<211> 20
<212> DNA
<213> Artificial

<220>
<223> Synthetic (Nucleotide sequence of scaffold building block)

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<221> misc_feature
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20

<210> 14
<211> 10

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<220>
<223> Synthetic (First building blocks)

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10

<210> 15
<211> 17
<212> DNA
<213> Artificial

<220>
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<220>
<221> misc_feature
<222> (4)..(8)
<223> n is inosine.

<400> 15
ctcnnnnnncc dddddcc
17

<210> 16
<211> 24
<212> DNA
<213> Artificial

<220>
<223> Synthetic (Third building block)

<220>
<221> misc_feature
<222> (4)..(8)
<223> n is inosine.

<220>
<221> misc_feature
<222> (11)..(15)
<223> n is inosine.

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24

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<211> 6
<212> PRT

<213> Artificial

<220>

<223> Synthetic (Hexapeptide used to bind to amino
oligonucleotide to create an identifier molecule)

<400> 17

Cys Phe Phe Lys Lys Lys

1 5